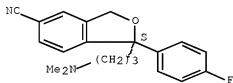


E ESCITALOPRAM/CN

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN
 RN 128196-01-0 REGISTRY
 ED Entered STN: 13 Jul 1990
 CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, (1S)- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, (S)-
 OTHER NAMES:
 CN (+)-(S)-1-(3-(Dimethylamino)propyl)-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carbonitrile
 CN (+)-Citalopram
 CN (S)-Citalopram
 CN Escitalopram
 CN S-(+)-Citalopram
 CN Seroplex
 FS STEREOSEARCH
 MF C20 H21 F N2 O
 CI COM
 SR CA
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO,
 CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSPRODUCT, IMSRESEARCH, IPA, MEDLINE, MRCK*,
 PAIDPASC, PROMT, PROUSDDR, PS, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

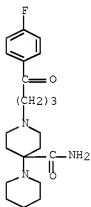
Absolute stereochemistry. Rotation (+).



SET EXPAND CONTINUOUS
 L1 1 S E3
 E PIPAMPERONE/CN

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN
 RN 1893-33-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN [1,4'-Bipiperidine]-4'-carboxamide, 1'-[4-(4-fluorophenyl)-4-oxobutyl]- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN [1,4'-Bipiperidine]-4'-carboxamide, 1'-[3-(p-fluorobenzoyl)propyl]- (7CI,

8CI)
 OTHER NAMES:
 CN 1'-[3-(p-Fluorobenzoyl)propyl][1,4'-bipiperidine]-4'-carboxamide
 CN 1-(p-Fluorophenyl)-4-(4-piperidino-4-carbamoylpiperidino)-1-butanone
 CN 4'-Fluoro-4-[4-N-piperidino-4-carbamidopiperidino]butyrophenone
 CN 4'-Fluoro-4-{N-[4-(N-piperidino)-4-carbamido]piperidino}butyrophenone
 CN Dipiperal
 CN Dipiperon
 CN Dipiperone
 CN Floropipamide
 CN McN-JR 3345
 CN Pipamperone
 CN R 3345
 MF C21 H30 F N3 O2
 CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, IPA, MEDLINE, MRCK*, PS, RTECS*, SPECINFO, TOXCENTER, USAN, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: WHO



L2 1 S E15

FILE 'HCAPLUS' ENTERED AT 11:24:41 ON 30 MAR 2010
 L3 6 S L1 AND L2
 L4 751 S L1
 L5 375 S L4 AND SEROTONIN?
 L6 77 S L2 AND SEROTONIN?
 L7 4 S L6 AND (2A OR 2C)
 L8 1 S L1 AND (SEROTONIN ANTAGONIST?)
 L9 370 S L1 AND SEROTONIN

L10 68 S L9 AND ANTAGONIST?
 L11 24 S L9 AND (5-HT2A OR 5-HT2C)
 L12 9 S L11 AND (PY<=2003 OR AY<=2003 OR PRY<=2003)

L12 ANSWER 9 OF 9 HCAPLUS COPYRIGHT 2010 ACS on STN

TI The combination of a serotonin reuptake inhibitor and a 5-HT2C antagonist, inverse agonist or partial agonist
 AB The present invention relates to the use of compds. and compns. of compds. having serotonin reuptake inhibiting activity and 5-HT2C antagonistic, partial agonistic or inverse agonistic activity for the for the treatment of depression and other affective disorders. The combined serotonin reuptake inhibiting effect and the 5-HT2C antagonistic, partial agonistic or inverse agonistic effect may reside within the same chemical compound or in two different chemical compds. E.g., simultaneous administration of 10 µmol/kg citalopram with 1 µmol/kg RS 102221 or Lu 27121 showed significant enhancement of the effect of citalopram in rats.

ACCESSION NUMBER: 2001:434808 HCAPLUS Full-text

DOCUMENT NUMBER: 135:41033

TITLE: The combination of a serotonin reuptake inhibitor and a 5-HT2C antagonist, inverse agonist or partial agonist

INVENTOR(S): Cremers, Thomas Ivo Franciscus Hubert;

Wikstroem,

Hakan Wilhelm; Den Boer, Johan Antonie; Bosker,

Fokko

Jan; Westerink, Bernard Hendrik Cornelis;

Bogeso,

Klaus Peter; Hogg, Sandra; Mork, Arne

PATENT ASSIGNEE(S): H. Lundbeck A/s, Den.

SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001041701	A2	20010614	WO 2000-DK671	
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WO 2001041701	A3	20011213		
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YU, ZA, ZW				
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NO 2002002657 A 20020726 NO 2002-2657

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20060301				US 2006-539100	A3
20061005					
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT					
IC	ICM A61K				
CC	1-11 (Pharmacology)				
	Section cross-reference(s): 63				
ST	serotonin reuptake inhibitor 5HT2c antagonist combination				
IT	5-HT antagonists				
	(5-HT2C; combination of a serotonin reuptake inhibitor and a 5-HT2C antagonist, inverse agonist or partial agonist)				
IT	5-HT receptors				
	RL: BSU (Biological study, unclassified); BIOL (Biological study)				
	(5-HT2C; combination of a serotonin reuptake inhibitor and a 5-HT2C antagonist, inverse agonist or partial agonist)				
IT	Antidepressants				
	Anxiolytics				
	Psychotropics				
	(combination of a serotonin reuptake inhibitor and a				

5-HT2C antagonist, inverse agonist or partial agonist)

IT 54910-89-3, Fluoxetine 59729-33-8, Citalopram 74050-98-9, Ketanserin 141307-07-5, Lu 29066 143938-45-8, Lu 27121 185376-97-0, RS 102221

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(combination of a serotonin reuptake inhibitor and a 5-HT2C antagonist, inverse agonist or partial agonist)

IT 50-49-7, Imipramine 303-49-1, Clomipramine 24219-97-4, Mianserine 54739-18-3, Fluvoxamine 59859-58-4, Femoxetine 61869-08-7, Paroxetine 79617-96-2, Sertraline 83366-66-9, Nefazodone 85650-52-8, Mirtazapine 87051-43-2, Ritanserin 93413-69-5, Venlafaxine 106516-24-9, Sertindole 119356-77-3, Dapoxetine 120444-71-5, Deramciclane 128196-01-0, Escitalopram 158942-04-2, SB 206553 161178-10-5, YM 35992 181632-25-7, SB 242084 200940-22-3, SB 243213 210821-63-9, Org 12962 344454-50-8, SB 228356 344454-51-9, Ro 60-0795 344454-52-0, Org 38457 344454-70-2, EGIS 8465

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(combination of a serotonin reuptake inhibitor and a 5-HT2C antagonist, inverse agonist or partial agonist)

IT 50-67-9, Serotonin, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(reuptake inhibitor; combination of a serotonin reuptake inhibitor and a 5-HT2C antagonist, inverse agonist or partial agonist)